

**ABSTRACT OF THE DISCLOSURE**

[0057] A liquid crystal display device includes a liquid crystal panel including an upper substrate, and a lower substrate having a plurality of source pads and gate pads, the upper and lower substrates being attached using a sealant; a source PCB connected with the plurality of source pads such that the source PCB applies signals to the source pads; and a plurality of gate transmitting lines connecting the gate pads with the source pads such that gate signals including Vcom, Vgh, Vgl, Vcc, Gsp, Gsc, Goe, and Gnd are transmitted from the source PCB to the gate PCB via the gate transmitting lines, wherein one of the gate transmitting line has a resistance of below 30  $\Omega$  such that the line is used for transmitting a gate low voltage "Vgl".